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METHODS AND SYSTEMS FOR MONITORING
AND DIAGNOSING MACHINERY
INVENTOR: ALAN THOMAS SCHACHTLY, et al.
DOCKET: 136239
ATTY: WILLIAM J. ZYCHLEWICZ; PHONE: (314) 621-5070

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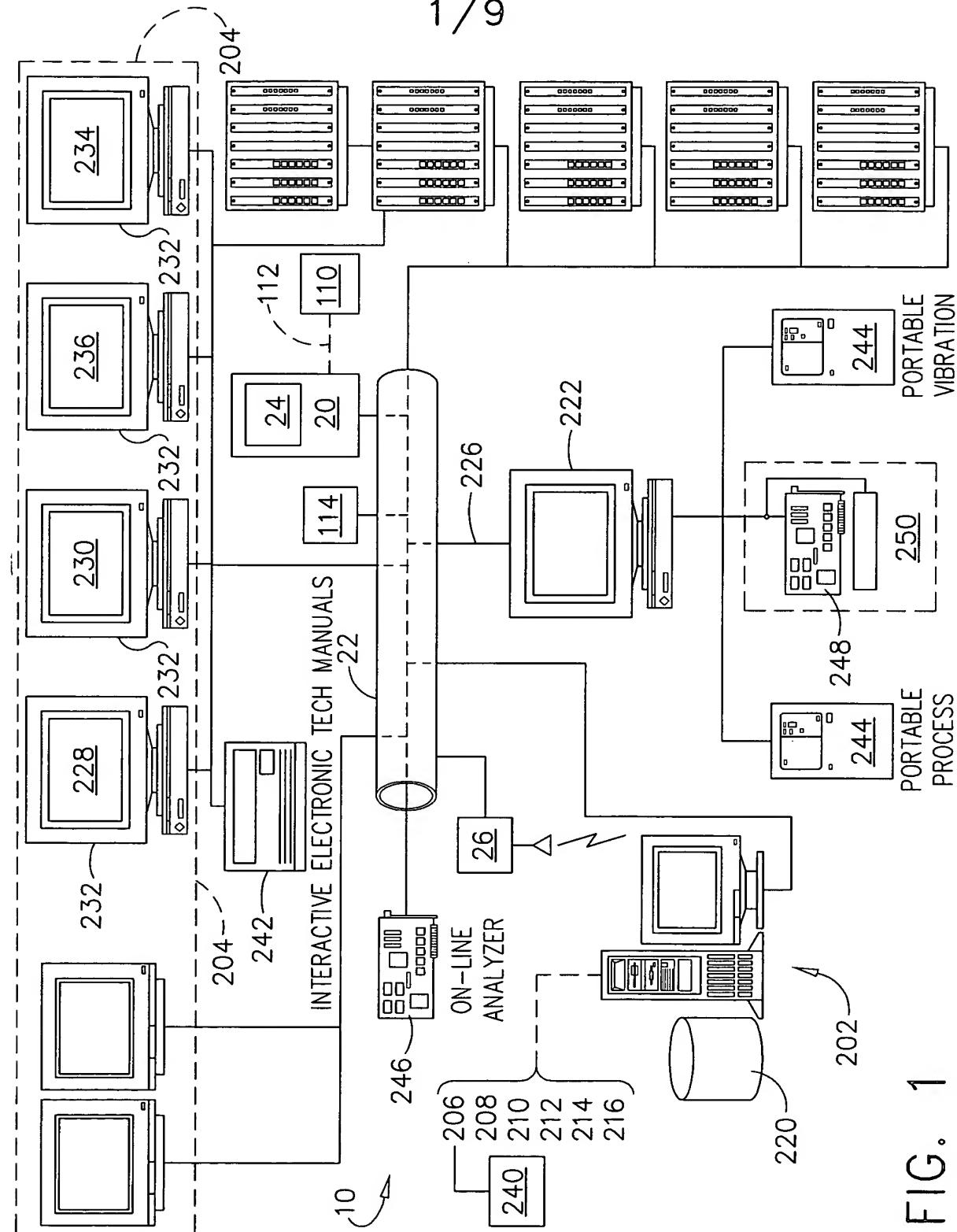


FIG. 1

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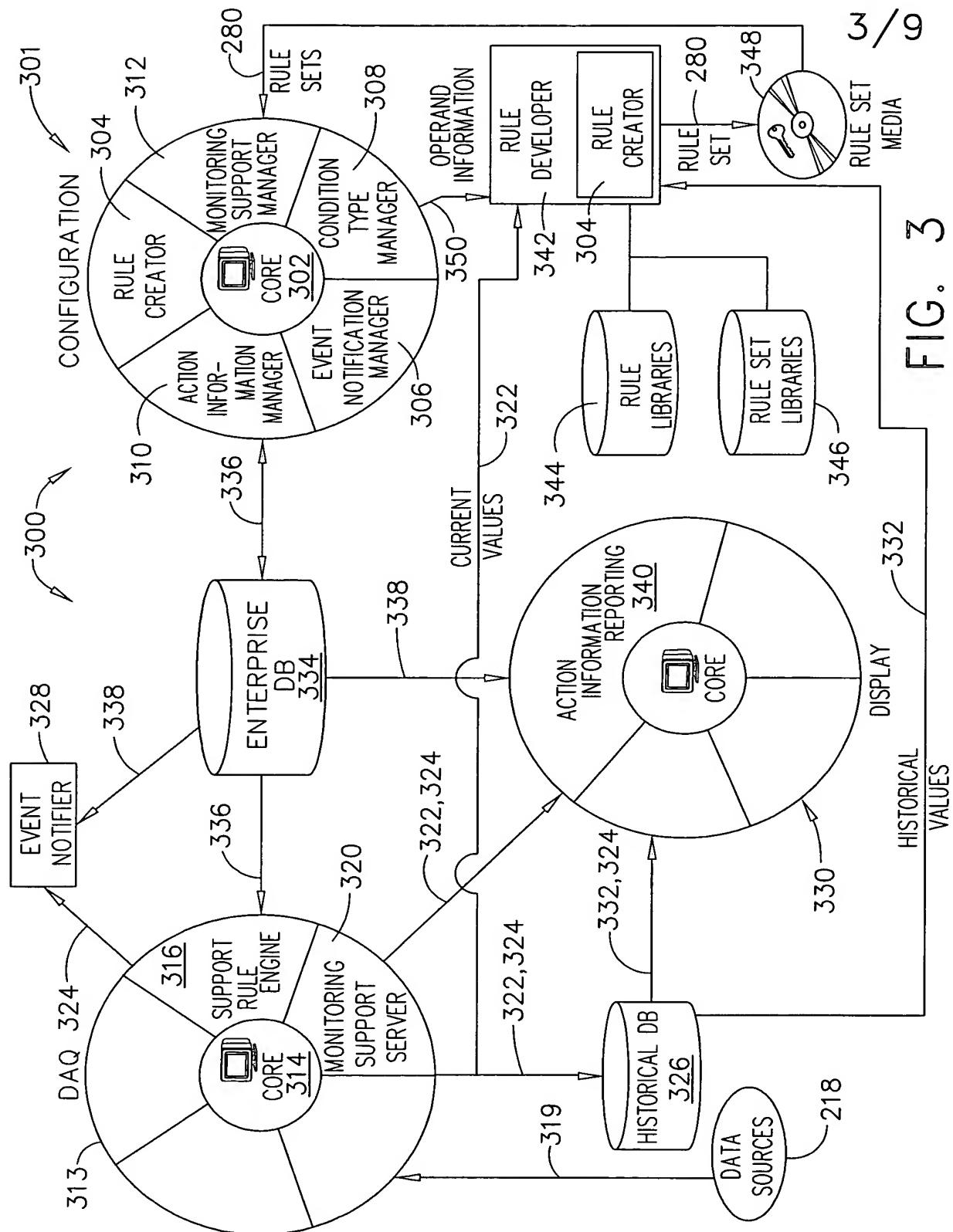
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FIG. 2



METHODS AND SYSTEMS FOR MONITORING AND DIAGNOSING MACHINERY

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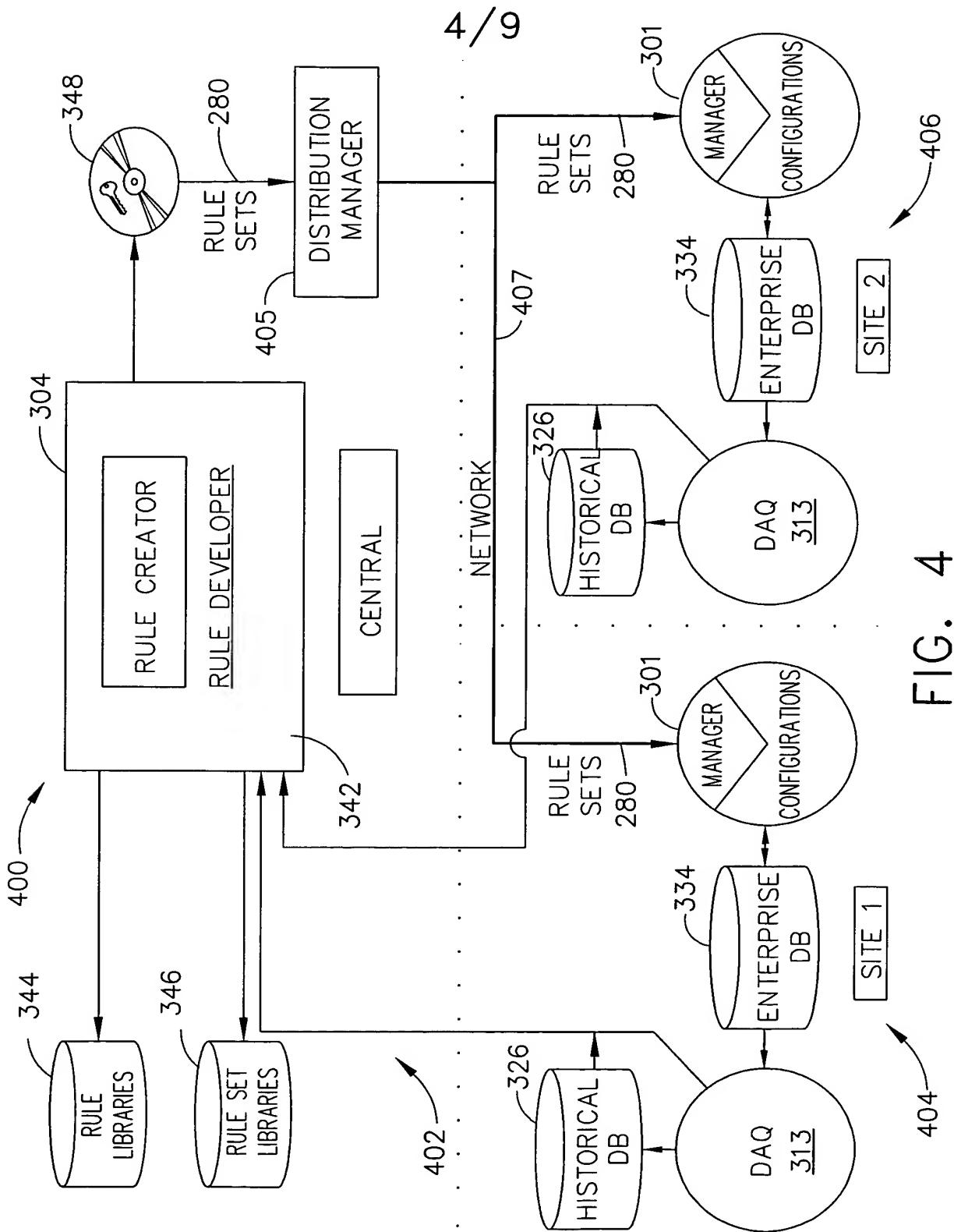


FIG. 4

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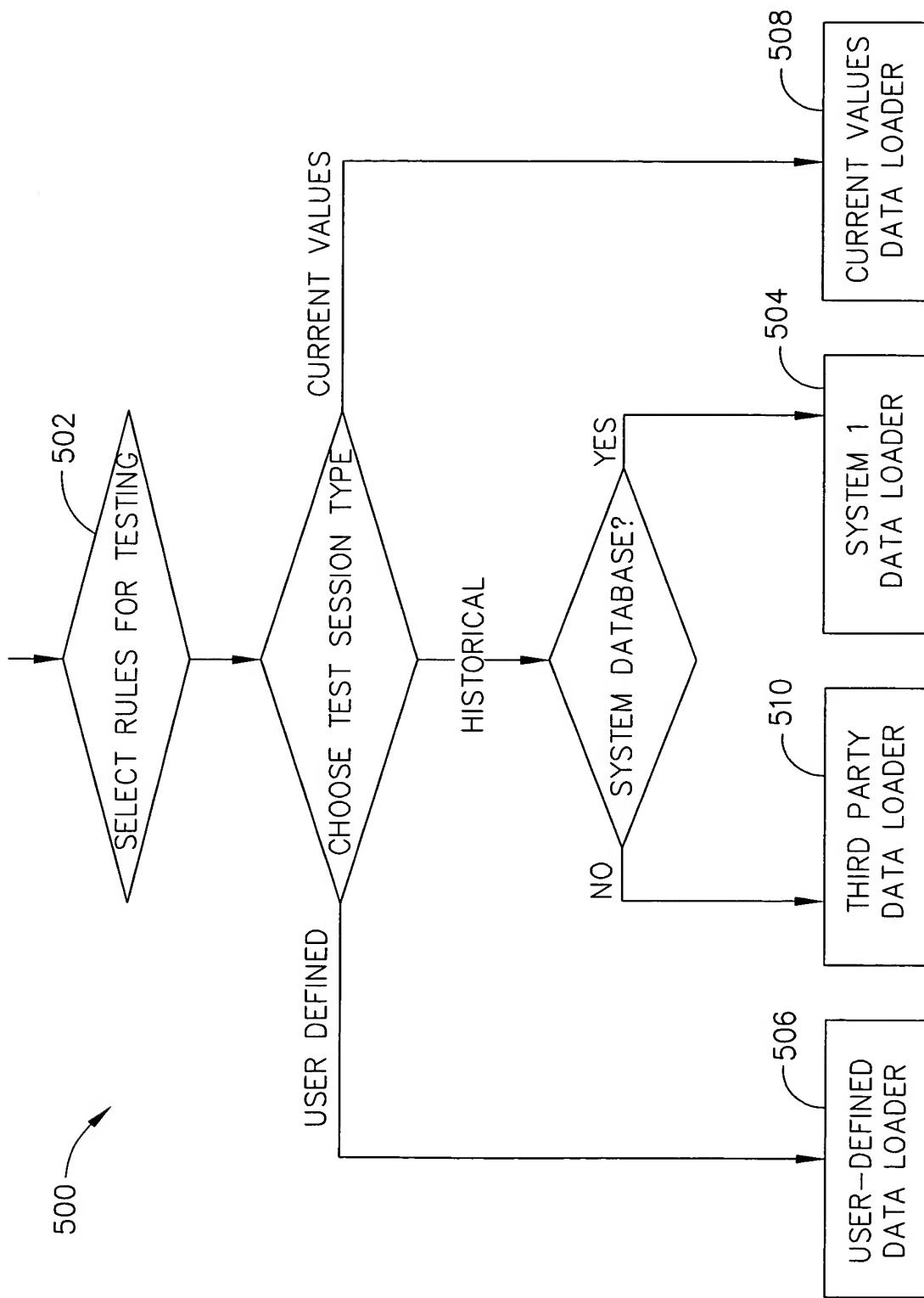


FIG. 5

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Rule	Operand	Value	Value	Value	Value	Value	Value
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Rules							
Turbine Discharge Temp Rule							
HTemp1. Temperature	deg C	455.000 ▲	460.000 ▲	455.000 ▼	460.000 ▲	470.000 ▲	455.000 ▲
HTemp2. Temperature	deg C	470.000 ▲	470.000 ▲	470.000 ▲	420.000 ▲	470.000 ▲	470.000 ▲
HorizDisp. Direct	mil	2.500 ▲	No Data ▲	2.500 ▲	2.500 ▲	2.500 ▲	2.500 ▲
Turbine Bearing Rule							
HTemp1. Temperature	deg C	455.000 ▲	455.000 ▲	460.000 ▲	455.000 ▲	455.000 ▲	455.000 ▲
HTemp2. Temperature	deg C	265.000 ▲	265.000 ▲	265.000 ▲	265.000 ▲	265.000 ▲	265.000 ▲
Compressor Rule							
HTemp1. Temperature	deg C	455.000 ▲	455.000 ▲	455.000 ▲	460.000 ▲	455.000 ▲	455.000 ▲
HTemp2. Temperature	deg C	177.000 ▲	Bad Config ▲	265.000 ▲	265.000 ▲	265.000 ▲	265.000 ▲
Discharge Pressure. Pressure	psi	1305.000 ▲	1305.000 ▲	1315.000 ▲	1305.000 ▲	1305.000 ▲	1305.000 ▲
HorizDisp. Direct	mil	1.350 ▲	No Data ▲	1.350 ▲	1.250 ▲	1.250 ▲	1.350 ▲
HorizDist1X							
Horiz Disp. 1X. Amplitude	mil	1.230 ▲	1.100 ▲	1.100 ▲	2.660 ▲	1.100 ▲	1.100 ▲
Horiz Disp. 1X. Phase	deg	176.000 ▲	178.000 ▲	175.000 ▲	175.000 ▲	178.000 ▲	175.000 ▲

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FIG. 6

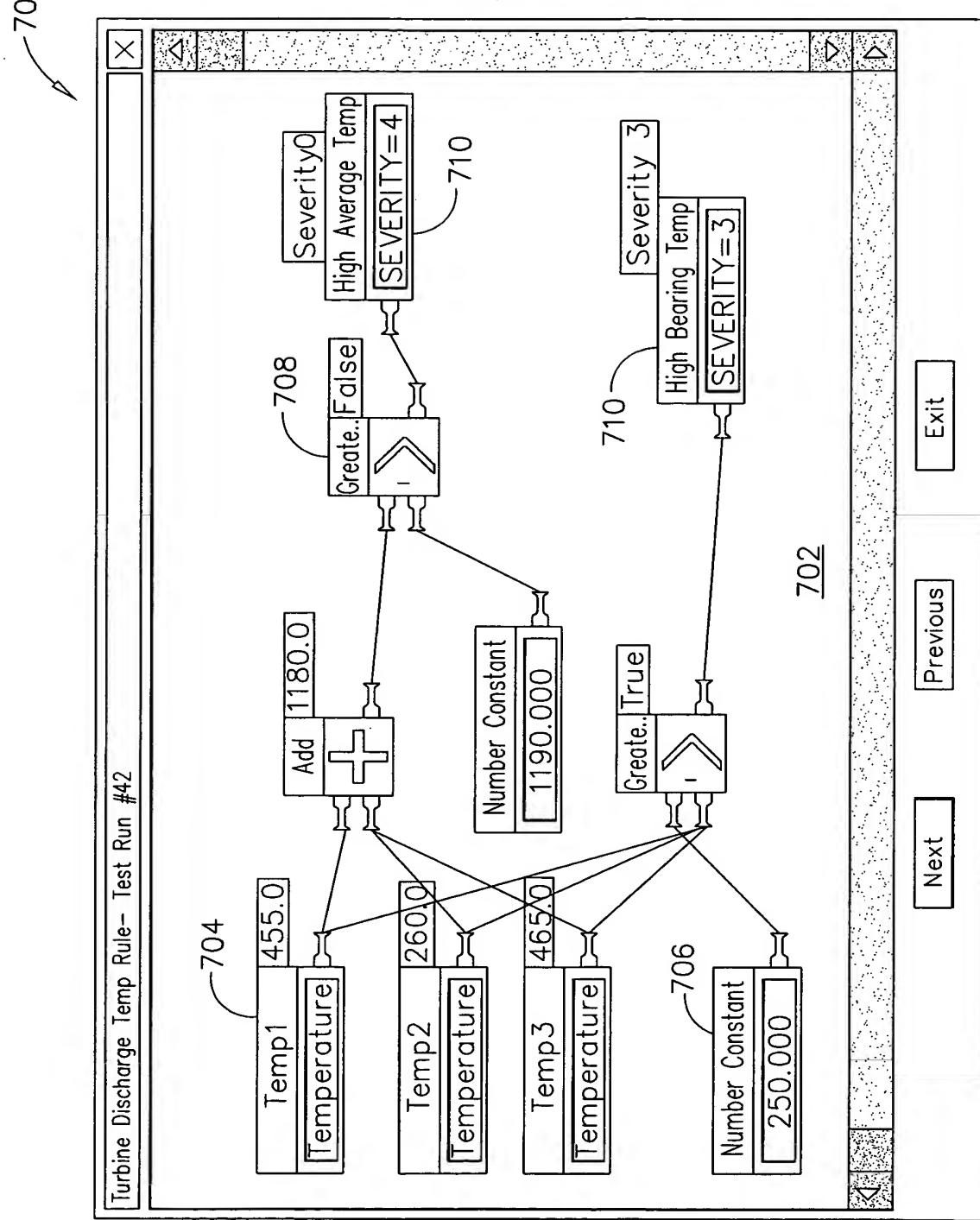
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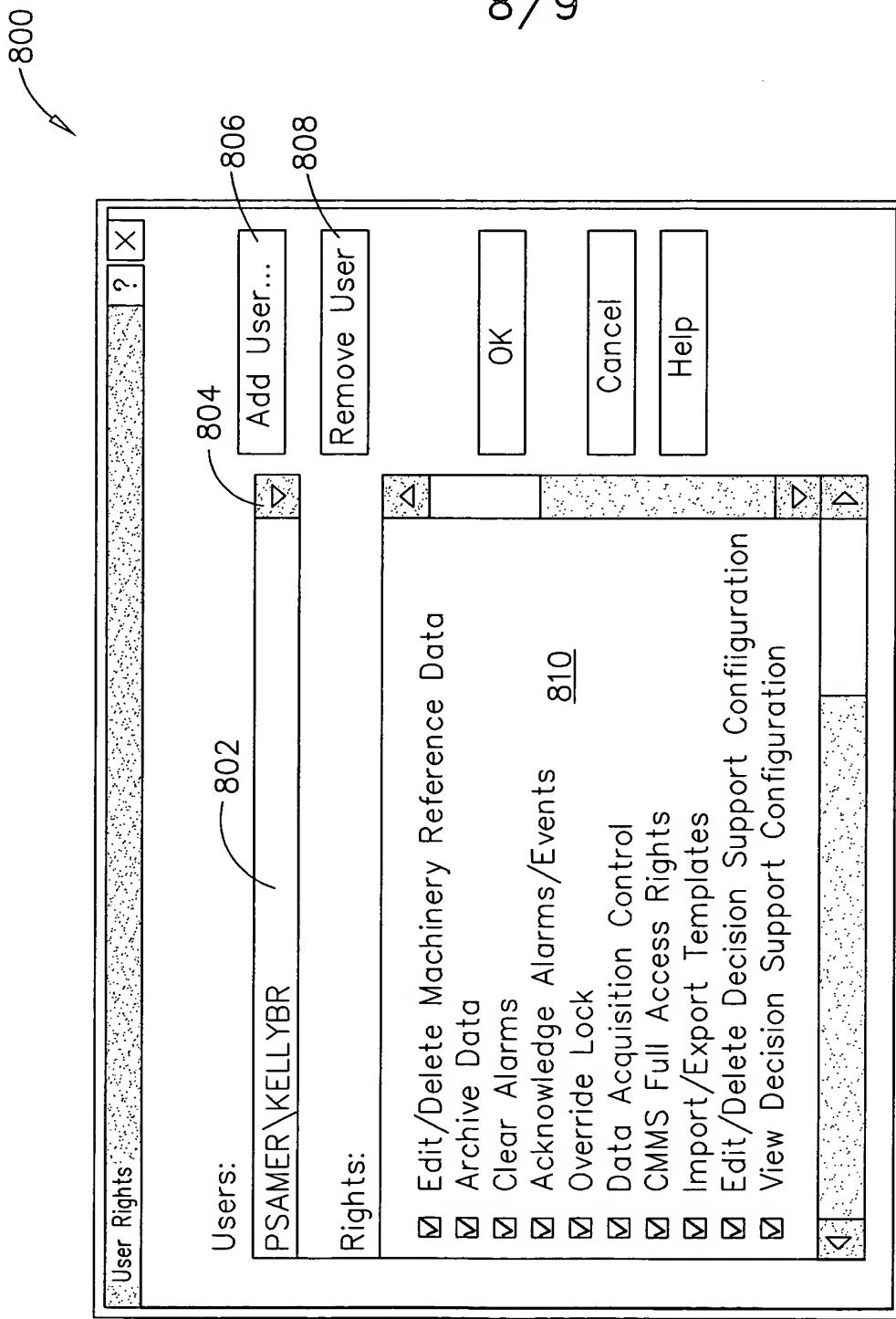


FIG. 8

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Arial	▼	10	▼	Western	▼												
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Rule Set specific documentation goes here.

- o This documentation will be packaged with Rule Set.
- o This will be a rich text edit control.
- o This will enable bullet points, bolding, etc
- o Individual rules will have a similar notes tab.

904

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FIG. 9